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Federal Office for the Environment FOEN

Climate Resilient Flyway Network

to support the implementation of AEWA Resolutions 5.13 and 6.6 on climate change adaptation for waterbirds

Mori Diallo

Wetlands International

Supported by:

Federal Ministry for the Environment, Nature Conservation, Building and Nuclear Safety

based on a decision of the German Bundestag

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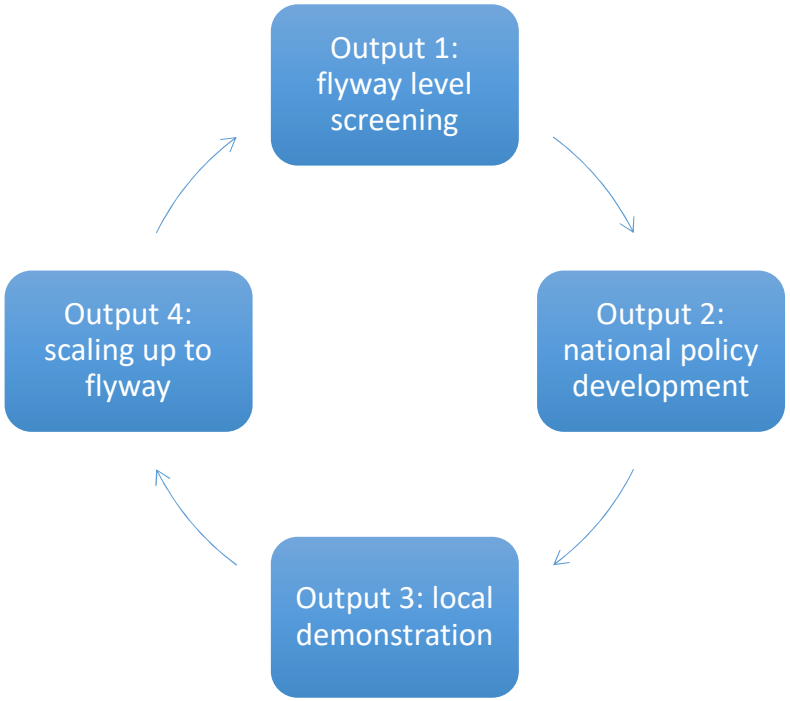
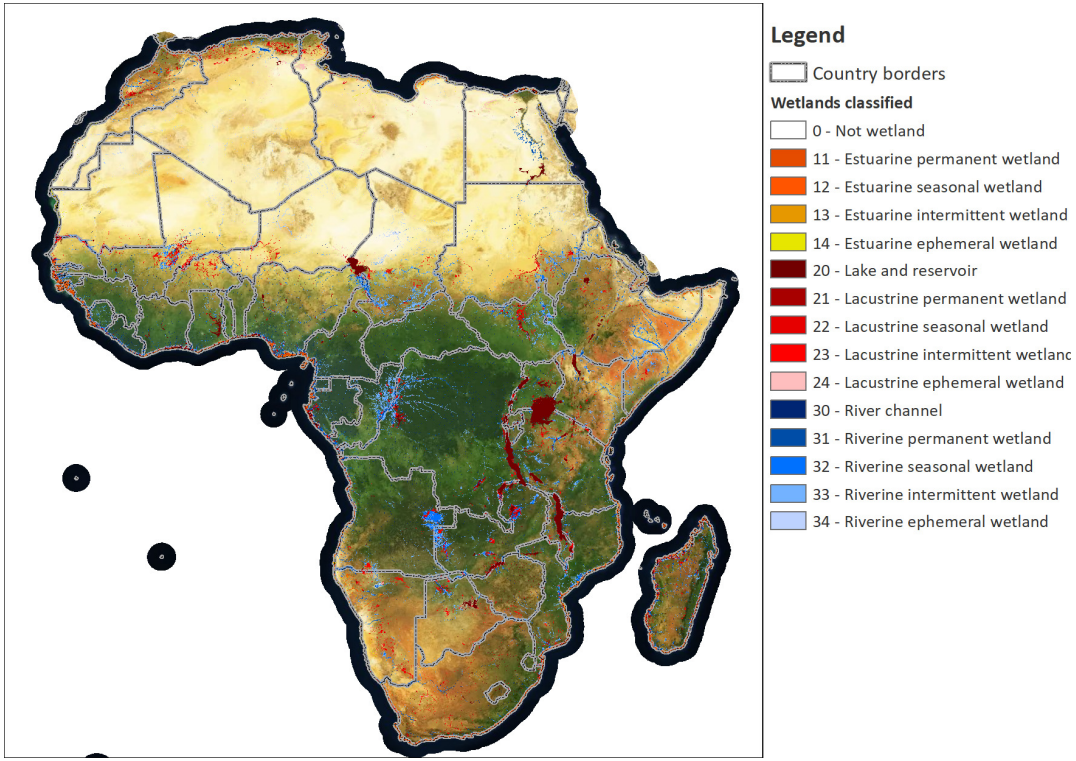
Linkages amongst project outputs

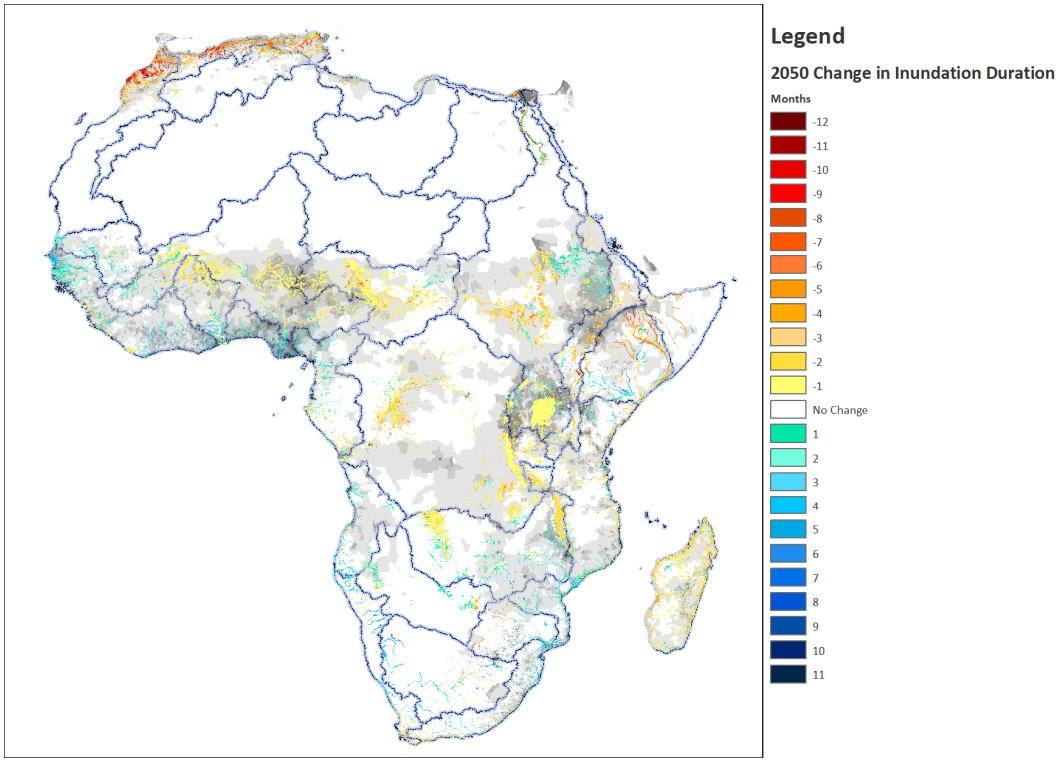


Mapping current and future wetland distribution across the flyway

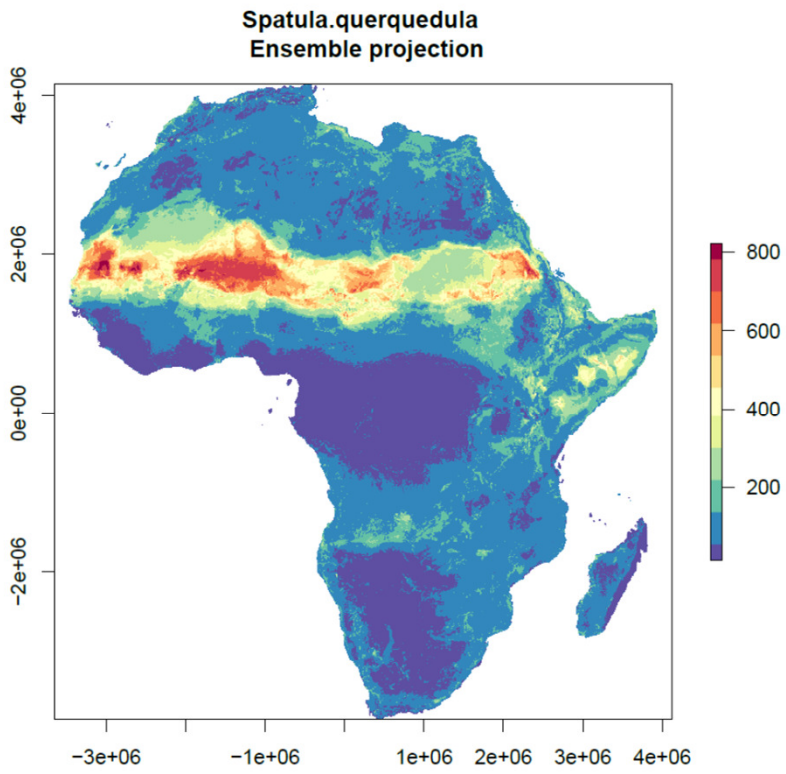


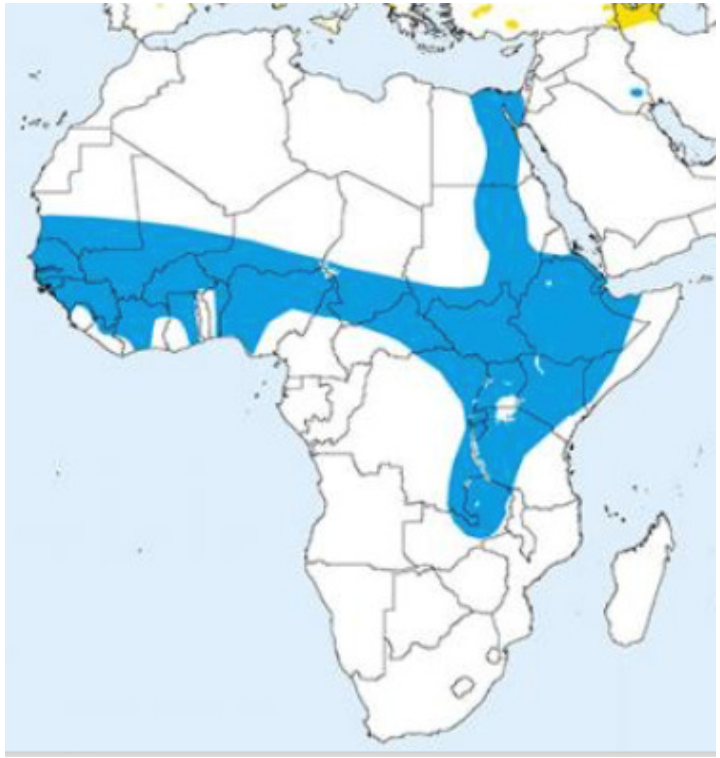
Asses impact of hydrological changes on Critical Sites

Change in inundation length in 2050

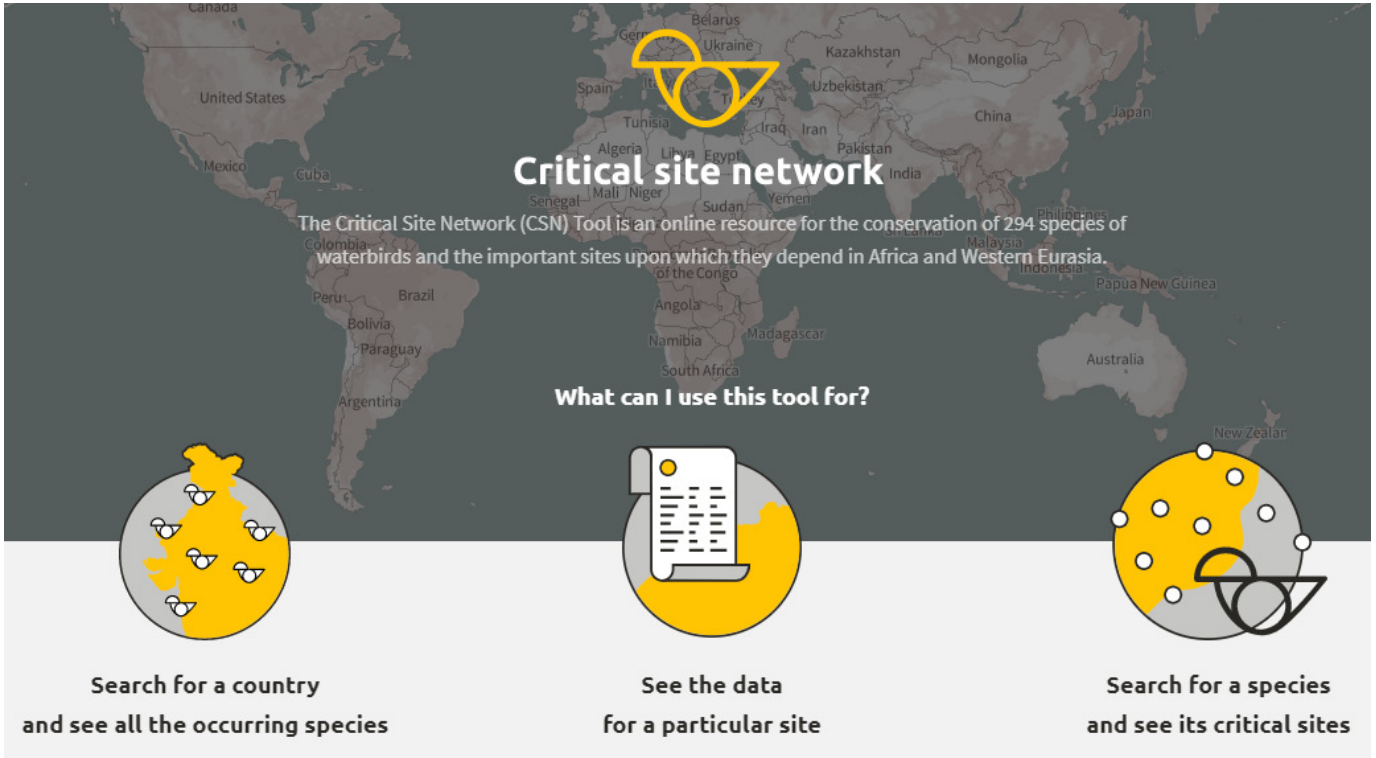


Modelling species distribution to predict changes in their distribution

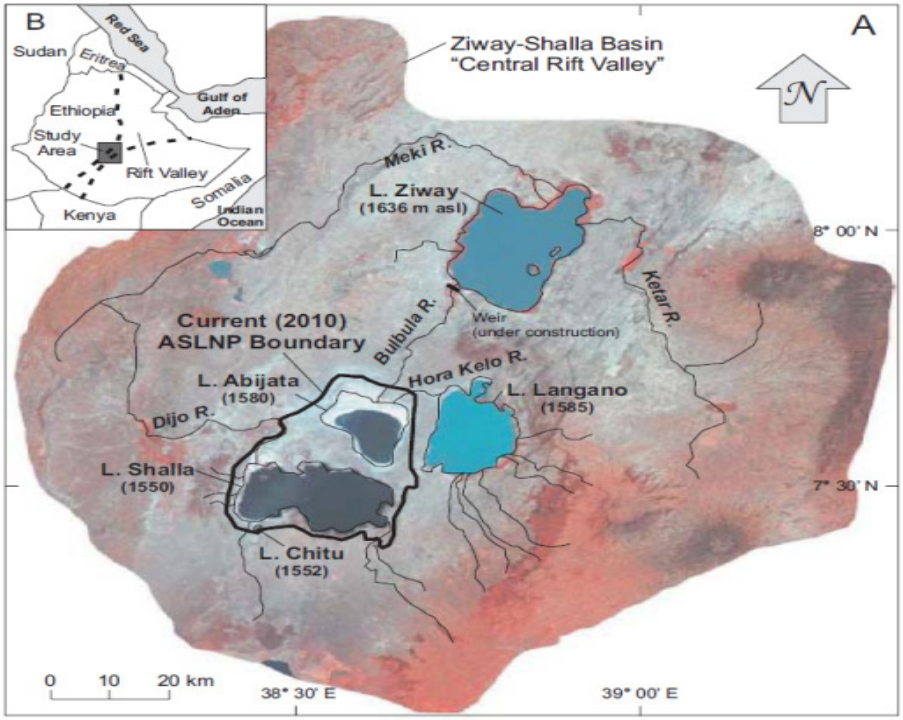




Making the results available through the Critical Site Network Tool 2.0



Ethiopia's Central Rift Valley Lakes



- Ziway-Shalla basin overview
- 4 large lakes
- Lake Ziway supplies water to Lake Abijatta
- Lake Abijatta is the most important critical site in Ethiopia – once hosting 200,000 Lesser Flamingos

Workshop of the Working Group for the Development of the AEWA Plan of Action for Africa 2019-2027

Atelier du groupe de travail dédié à l'élaboration du Plan d'action de l'AEWA pour l'Afrique 2019-2027

10 - 12 October / octobre 2017 – Dakar

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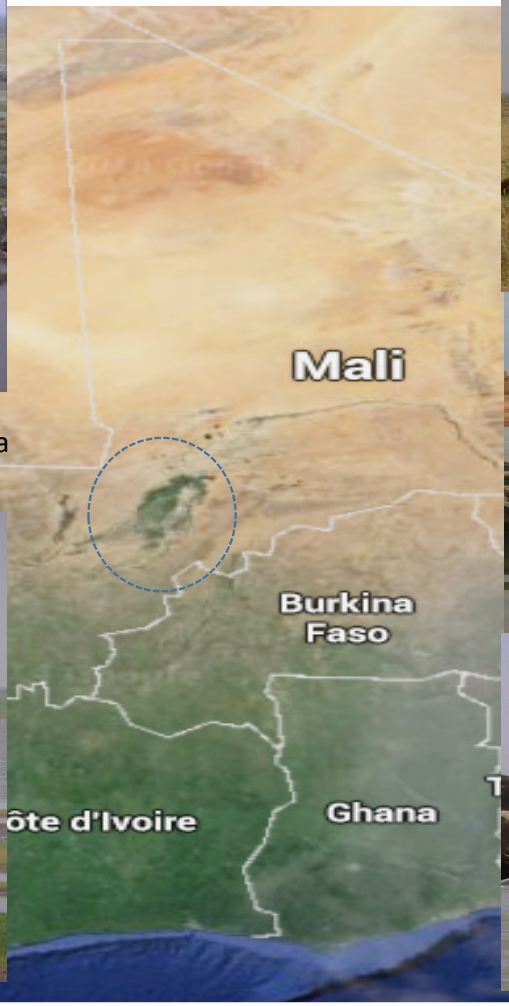
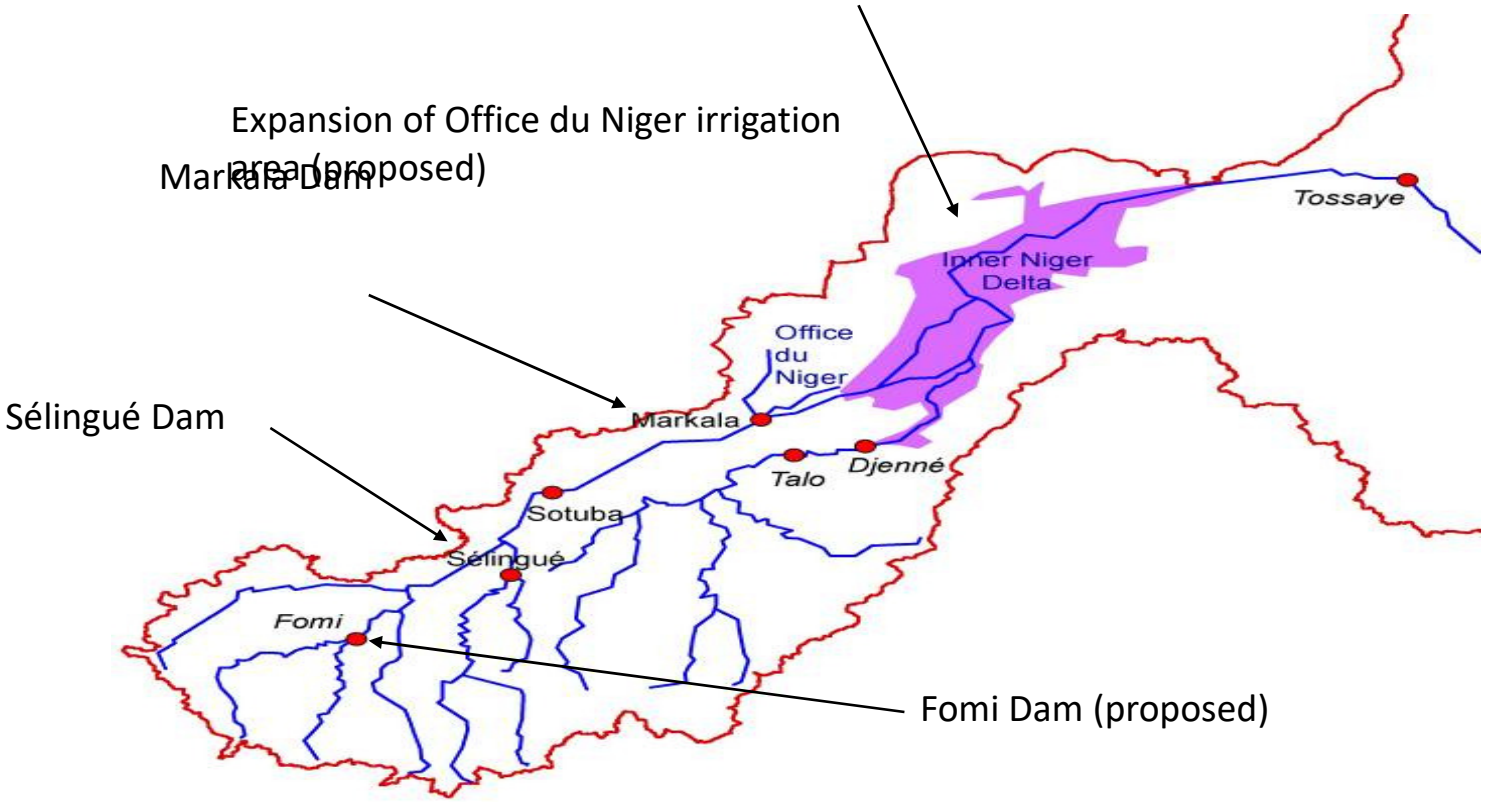
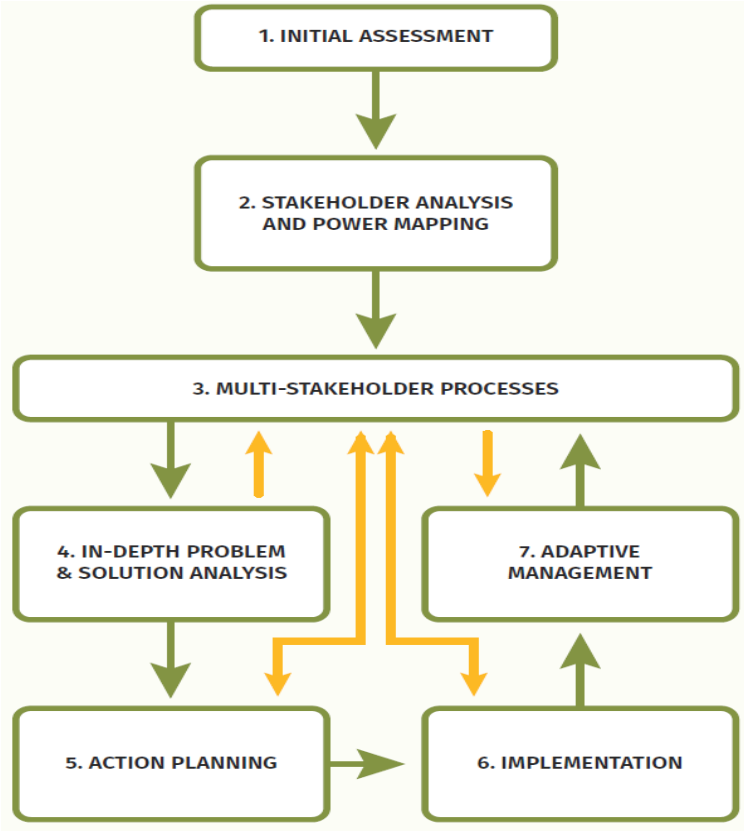


Infrastructure in Mali's Upper Niger Basin



Landscape approach

1. Look upstream, at the entire river basin in Guinea and Mali – not just the critical site
2. Identify who is having an impact on water and who is being impacted – dams and irrigation
3. Engage the major stakeholders: Niger Basin Authority, Department of Forest and Water, private sector, communities
4. Undertake studies – flood modeling, ecosystem services valuation – to identify the role of stakeholders and possible solutions
5. Develop a shared vision and figure out solutions together - embed research in policies & plans
6. Implement solutions to address key challenges – while securing short-term successes
7. Use monitoring and evaluation to adapt and improve the likelihood of success



Only 7 steps but a long-term – 10 year approach!

Community-based restoration of Critical Sites

Resources important to waterbirds **and** people

Inner Niger Delta

- 1,500 hectares of bourgou fields
- 75 hectares of floodplain forests

Lake Abijatta

- Reducing water use on the catchment in 5 villages

Training courses in Mali and Ethiopia

For national focal points of AEWA & Ramsar Convention in Africa

Participants will learn how to:

- implement AEWA Resolution 5.13 at national level
- use the CSN Tool 2.0 for screening Critical Sites vulnerable to climate change
- assess the contribution of Critical Sites to ecosystem-based climate change adaptation
- identify areas where wetland restoration can serve multiple climate change adaptation purposes
- conserve and sustain these areas by implementing an integrated wetland landscape approach

Thank you!

Questions?